

**Amendment to the Specification**

Please amend the description in the specification as follows:

(On page 4, lines 25-27):

The packet encoding device 122, such as a programmable chip or CPU, generates at least one network packet with several data sections correspondingly storing the local electrical signals received by the first interfaces ~~[[154]]~~114.

(On page 5, lines 8-13):

FIG. 2 is a schematic view of the embodiment in FIG. 1 implemented in reality. Several second interfaces ~~[[122]]~~112 connect to several local computers 152 via several computer connection ports 212. The several first interfaces 114 connect to several local manipulating devices 154 using several operation device connection ports 214. In order to clearly explain this embodiment, we use only one operation device connection port 214 and one computer connection port 212 in FIG. 2 for demonstration purposes.

(On page 5, lines 22-29):

In an embodiment of the invention, the KVM switch 200a can simultaneously connect to 32 local computers 152 and 4 local manipulating devices 154. In other words, the KVM switch 200a has 32 computer connection ports ~~[[112]]~~212 and four operation device connection ports ~~[[114]]~~214. Therefore, it needs to be configured with four 9-port UART's and a half-duplex communication processor for electrical signal transmissions. The half-duplex communication processor can be replaced with a slightly more expensive full-duplex communication processor or other more suitable processor.